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UNITED STATES
DEPARTMENT OF AGRICULTURE
Miscellaneous Publication No. 335

Washington, D. C. April 1939

WORKERS IN SUBJECTS PERTAINING TO AGRICULTURE IN LAND-GRANT COLLEGES AND EXPERIMENT STATIONS

1938–39

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KEY TO ABBREVIATIONS

Acct., Accountant, Accounts.
Actg., Acting.
Admin., Administration, Administrative.
Agr., Agriculture, Agriculturist, Agricultural.
Agron., Agronomy, Agronomist.
Agt., Agent.
An., Animal.
Anal., Analytical, Analysis.
Anat., Anatomy.
Arch., Architect, Architecture, Architectural.
Assoc., Associate, Association.
Asst., Assistant.
Bact., Bacteriology, Bacteriologist.
Biochem., Biochemist, Biochemistry, Biochemical.
Biol., Biology, Biologist, Biological.
Bldg., Building(s).
Bot., Botany, Botanist, Botanical.
Brdg., Breeding.
Bull., Bulletin.
Chair., Chairman.
Chem., Chemistry, Chemist, Chemical.
Climat., Climatology, Climatologist.
Coll., College.
Collab., Collaborator, Collaborating.
Comn., Commission.
Comp., Comparative.
Comr., Commissioner.
Conserv., Conservation, Conservationist.
Consult., Consulting, Consultant.
Coop., Cooperation, Cooperative, Cooperator.
Corresp., Correspondence, Correspondent.
Dem., Demonstration, Demonstrator.
Dept., Department.
Dir., Director.
Dist., District.
Div., Division.
Dom., Domestic.
Ecol., Ecology, Ecologist, Ecological.
Econ., Economy, Economic, Economics, Economist.
Ed., Education, Educational.
Engin., Engineer, Engineering.
Ent., Entomology, Entomologist, Entomological.
Equip., Equipment.
Erad., Eradication.
Expt., Experiment, Experimental.
Ext., Extension.
Fert., Fertility, Fertilizer.
Flor., Floriculture, Floriculturist, Floricultural.
For., Forestry, Forester.
Gard., Gardening, Gardener.
Gen., General.
Geog., Geography.
Geol., Geology, Geologist, Geological.
Grad., Graduate.
Histol., Histology, Histologist.
Hon., Honorary.
Hort., Horticulture, Horticulturist, Horticultural.
Husb., Husbandry, Husbandman.
Hyg., Hygiene.
Illus., Illustration. Illustrative.
Indus., Industry. Industrial, Industries.
Inorg., Inorganic.
Insp., Inspection. Inspector.
Instr., Instructor, Instruction.
Insts., Institutes.
Invest., Investigations, Investigational, Investigator .
Irrig., Irrigation, Irrigationist.
Lab., Laboratory.
Landsc., Landscape.
Lect., Lecturer.
Libr., Library, Librarian.
Mach., Machine, Machinery.
Mech., Mechanics, Mechanical.
Med., Medicine, Medical.
Met., Meteorology, Meteorologist.
Mfg., Manufacturing.
Mfrs., Manufactures.
Mgr., Manager.
Mgt., Management.
Microbiol., Microbiology, Microbiologist.
Mktg., Marketing.
Morphol., Morphology, Morphologist.
Mycol., Mycology, Mycologist.
Nutr., Nutrition, Nutritionist.
Oler., Olericulture, Olericulturist.
Org., Organic.
Organ., Organization(s).
Ornith., Ornithology, Ornithologist.
Parasit., Parasitology, Parasitologist.
Path., Pathology, Pathologist, Pathological.
Pedag., Pedagogy, Pedagogics.
Pharm., Pharmacy, Pharmacist, Pharmaceutical.
Pharmacol., Pharmacology, Pharmacologist.
Photog., Photography, Photographer.
Phys., Physics, Physical
Physiol., Physiology, Physiologist, Physiological.
Phytopath., Phytopathology, Phytopathologist, Phytopathological.
P. O., Post Office.
Pomol., Pomology, Pomologist, Pomological.
Pract., Practice. Practical.
Prep., Preparatory.
Pres., President.
Prin., Principal.
Prod., Production.
Prof., Professor.
Pubs., Publications.
Sci., Science, Scientist, Scientific.
Sect., Section.
Secon., Secondary.
Secy., Secretary.
Sociol., Sociology, Sociologist.
Sta., Station.
Subsect., Subsection.
Substa., Substation.
Supt., Superintendent.
Supvr., Supervisor.
Surg., Surgery.
Tech., Technical, Technician.
Technol., Technology, Technologist.
Treas., Treasurer.
Trop., Tropical.
Univ., University.
Veg., Vegetable, Vegetation.
Vet., Veterinary, Veterinarian.
Vit., Viticulture, Viticulturist, Viticultural.
Voc., Vocational.
Zool., Zoology, Zoologist, Zoological.

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NOTE.—In the preparation of this publication Miss Agnew was assisted by Betty T. Richardson of the Office of Experiment Stations.

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A key to the abbreviations used is given on page v.

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*Lillian H. Spencer, M. S., *Assoc. Prof. Home Econ.*
*Gertrude Wade, M. A., *Instr. Home Econ.*

Horticulture and Forestry:

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*†C. L. Isbell, Ph. D., *Prof. Hort.; Hort.*
†Ozell Atkins, M. S., *Asst. Hort.* (*Coop. U. S. D. A.*).
*†K. C. Barrons, M. S., *Asst. Prof. and Asst. Plant Breeder.*
‡Lyle Brown, B. S., *Specialist in For.*
‡H. S. Fisher, B. L. A., *Ext. Landsc. Gard.*
*†Hubert Harris, B. S., *Instr. and Asst. Hort.*
†W. A. Johnson, B. S., *Lab. Tech.*
*†E. W. McElwee, M. S., *Asst. Prof. and Asst. Hort.*
‡R. H. Page, Jr., B. S., *Ext. For.*
‡W. A. Ruffin, M. S., *Ext. Hort.*
*†D. J. Weddell, M. S., *Asst. Prof. and Asst. For.*

Special Investigations:

†J. F. Duggar, M. S., *Research Prof. Special Invest.*

Veterinary Medicine:

*I. S. McAdory, B. S., D. V. M., *Dean of School* (*State Vet.*).
*†L. E. Starr, D. V. M., Ph. D., *Asst. Dean and Prof. Path.; An. Path.*
*W. E. Cotton, D. V. M., *Assoc. Instr. Vet. Med.*
*J. E. Greene, D. V. M., M. S., *Instr. Anat. and Histol.*
*W. M. Howell, D. V. M., *Asst. Prof. Vet. Med.*
*Miriam Moore, M. S., *Instr. Bact.*
*R. L. Mundhenk, D. V. M., *Prof. Anat. and Histol.*
*M. O. Robinson, D. V. M., *Prof. Bact.*
*J. L. West, D. V. M., *Asst. Prof. Path.*
*E. S. Winters, B. S., D. V. M., *Assoc. Prof. Physiol.*
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Zoology—Entomology:

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†L. L. English, Ph. D., *Assoc. Ent.* (*P. O., Spring Hill*).
*H. G. Good, Ph. D., *Assoc. Prof. Zool.-Ent.*
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Miscellaneous:

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*†Mary E. Martin, *Libr.*
*†W. H. Weidenbach, B. S., *Executive Secy.*
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Substations:

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K. G. Baker, B. S., *Supt.*
Gulf Coast Substa., *P. O., Fairhope*—
Otto Brown, M. S., *Supt.*
H. F. Yates, B. S., *Asst. Supt.*
Sand Mountain Substa., *P. O. Crossville*—
R. C. Christopher, B. S., *Supt.*
H. A. Ponder, B. S., *Asst. Supt.*
Tennessee Valley Substa., *P. O., Belle Mina*—
Fred Stewart, B. S., *Supt.*
J. K. Boseck, B. S., *Asst. Supt.*
Wiregrass Substa., *P. O., Headland*—
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*Addie M. Butler, B. S., *Supvr. Home Econ.*
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*V. M. Chambers, M. S., *Biol.*
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‡W. T. Gravitt, *Agr. Dem. Agt.*
*Mabel R. Jacobs, B. S., *Home Econ.*
*Lucile A. Love, B. S., *Libr.*
‡Eliza S. Pulley, *Home Dem. Agt.*
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[1] For subject-matter workers see the respective division; i. e., agronomy and soils, animal industry, etc.

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Matanuska—D. L. Irwin, B. S., *Supt.*
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Agronomy:
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‡H. R. Baker, M. S., *Boys' and Girls' Club Specialist.*
‡E. M. Mercer, *Rodent Control Specialist (Coop. U. S. D. A.: P. O. Phoenix).*

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*Opal G. Powell, M. S., *Instr. Home Econ.*
*Edith S. Ranney, M. A., *Assoc. Prof. Home Econ.*
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†Karl Harris, M. A. *Assoc. Irrig. Engin. (Coop. U. S. D. A.: P. O., Phoenix).*
†R. T. Hendrixson, M. S., *Asst. Hort. (P. O., Yuma).*
†R. H. Hilgeman, B. S., *Asst. Hort. (P. O., Tempe).*
*†W. E. Martin, Ph. D., *Asst. Prof. and Asst. Hort.*
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Plant Breeding:
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Substations:
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D. C. Aepli, *Supt.*
University Date Garden, *P. O., Tempe*—
R. H. Hilgeman, B. S., *Supt.*
University Farms, *P. O., Tucson*—
C. D. Wilson, M. A., *Supt.*
University Poultry Farm, *P. O., Tucson*—
F. W. Richardson, B. S., *Asst. in charge.*
Yuma Valley and Mesa Farms, *P. O., Yuma*—
G. H. Seamans, *Supt.*

ARKANSAS

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†C. O. Brannen, Ph. D., *Asst. Dir. of Research.*
*††J. V. Highfill, B. S., *Asst. to the Dean and Dir.*
*†T. C. Carlson, B. A., *Treasurer.*

Agronomy:
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*†R. P. Bartholomew, Ph. D., *Assoc. Prof. and Assoc Agron.*
*†L. M. Humphrey, Ph. D., *Assoc. Prof. and Assoc. Agron.*
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‡Dale McGregor, B. S., *Asst. Ext. Agron. (P. O., Little Rock).*
*†E. L. Nielson, Ph. D., *Asst. Prof. and Asst. Agron.*
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‡C. F. Simmons, Ph. D., *Ext. Agron.*
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Agronomy—Continued.
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Animal Industry:
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†V. L. Gregg, B. S., *Ext. Dairyman.*
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*†P. L. Kelly, Ph. D., *Asst. Prof. and Asst. in An. Indus. (Dairying).*
‡S. A. Moore, B. S., *Ext. Poultryman.*
‡M. W. Muldrow, B. S., *Ext. An. Husb.*
*†R. M. Smith, M. A., *Instr. and Asst. Poultry Husb.*

[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Bacteriology and Veterinary Science:
——— ———, *Prof. and Head of Dept.*
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Chemistry (Agr.):
*†Barnett Sure, Ph. D., *Prof. and Head of Dept.*
*†M. C. Kik, Ph. D., *Asst. Prof. and Invest. in Agr. Chem.*
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Economics (Rural) and Sociology:
*†C. O. Brannen, Ph. D., *Prof. and Head of Dept.*
*†J. L. Charlton, M. A., *Instr. and Asst. in Rural Econ. and Sociol.*
‡J. B. Daniels, B. S., *Ext. Econ. in Farm Mgt. (P. O., Little Rock).*
‡A. D. Gates, B. S., *Farm Organ. Specialist (P. O., Little Rock).*
*†O. J. Hall, M. S., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
*†T. R. Hedges, Ph. D., *Assoc. Prof. and Assoc. Rural Econ. and Sociol.*
*†J. G. McNeely, M. S., *Instr. and Asst. in Rural Econ. and Sociol.*
*†W. H. Metzler, Ph. D., *Asst. Prof. and Asst. in Rural Econ. and Sociol.*
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‡Roy Sellers, M. S., *Ext. Econ. in Mkt'g.*
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‡E. L. Arnold, M. S., *Ext. Agr. Engin.*
*†Kyle Engler, M. S., *Asst. Prof. and Asst. Agr. Engin.*
*K. H. Hinchcliff, M. S., *Instr. Agr. Engin.*
*†W. C. Hulburt, M. S., *Instr. and Asst. Agr. Engin.*

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Forestry—See **Horticulture.**

Home Economics:
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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†L. G. Goar, *Assoc. (Agron.: P. O., El Centro).*
†F. A. Greer, *Field Foreman in Agron. (P. O., Davis).*
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*†Harold Goss, Ph. D., *Assoc. Prof. and Assoc. An. Husb. (P. O., Davis).*
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[1] Including the Giannini Foundation of Agricultural Economics.

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*†Roderick Craig, Ph. D., *Asst. Prof. and Asst. Insect Physiol.*
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†J. H. Freitag, Ph. D., *Junior Ent.*
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‡T. C. Mayhew, B. S., *Asst. State Leader, Coast Counties.*
‡Claribel Nye, M. A., *Asst. State Home Dem. Leader.*
‡C. W. Rubel, B. S., *Asst. State Leader, Northern Counties.*
‡Fleda E. Smith, B. S., *Asst. State Home Dem. Leader.*
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‡W. G. Waterhouse, B. S., *Asst. State Club Leader, Coast Counties.*
‡H. M. Butterfield, M. S., *Specialist.*
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Genetics (Agr.):

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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*F. A. Ferguson, A. M., *Prof. Phys.*
*H. W. Hunter, Ph. D., *Instr. Phys.*
*W. H. Kinsey, M. A., *Asst. Prof. Phys.*

Poultry Husbandry:
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‡G. A. Miles, B. S., *Asst. Ext. Poultryman.*
*D. E. Warner, B. S., *Assoc. Prof. Poultry Husb.*

Sociology:
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*J. H. Barnett, M. A., *Asst. Prof. Sociol.*
*G. G. Brown, Ph. D., *Instr. Sociol.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal diseases, etc.

Sociology—Continued.
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*‡L. B. Crandall, B. S., *Prof. Apiculture and Ext. Apiarist.*
*H. S. Belding, M. A., *Asst. Prof. Zool.*
*J. A. Manter, B. S., *Assoc. Prof. Ent.*

Zoology—Continued.
*D. C. G. MacKay, Ph. D., *Asst. Prof. Zool.*
*D. G. Steele, Ph. D., *Asst. Prof. Genetics.*
*P. A. Walker, Ph. D., *Instr. Zool.*

Miscellaneous:
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†V. L. Churchill, *Sampling Agt.*
†H. J. Fisher, Ph. D., *Asst. Chem.*
†W. T. Mathis, *Asst. Chem.*
†O. L. Nolan, *Asst. Chem.*
†C. E. Shepard, *Asst. Chem.*
†Janetha Shepard, *Research Tech.*
†T. P. Stickney, *Research Tech.*
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†Rebecca B. Hubbell, Ph. D., *Asst. Biochem.*
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Botany:
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Entomology:
———, *Ent. in charge (State Ent.).*
†J. T. Ashworth, *Deputy in charge Gypsy Moth Control.*
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†W. T. Brigham, B. S., *Research Tech.*
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†J. C. Schread, M. S., *Research Tech.*

Entomology—Continued.
†J. F. Townsend, *Research Tech.*
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Forestry:
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Plant Breeding:
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†M. F. Morgan, Ph. D., *Agron. in charge.*
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†Louise M. Brautlecht, *Libr.*
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†Katherine M. Palmer, B. Litt., *Editor.*

Substations:
Tobacco and Vegetable Substa., *P. O., Windsor*—
P. J. Anderson, Ph. D., *Path. in charge.*
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Home Economics—Continued.
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†W. A. Leukel, Ph. D., *Agron.*
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‡W. J. Sheely, B. S., *Ext. An. Husb.*
‡D. F. Sowell, M. S., *Asst. Ext. Poultryman.*
‡E. F. Stanton, *Supvr. Egg-Laying Contest (P. O., Chipley).*
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[2] Courses given in the Women's College.

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†R. W. Ruprecht, Ph. D., *Chem. in charge Celery Invest. (P. O., Sanford).*
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†R. B. French, Ph. D., *Assoc. Chem.*
†L. W. Gaddum, Ph. D., *Biochem.*
†J. R. Henderson, M. S., *Asst. Chem.*
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‡D. G. Miley, B. S., *Asst. Ext. Econ., Farm Mgt.*
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Editorial:
††J. F. Cooper, M. S., *Editor.*
††Clyde Beale, A. B. J., *Asst. Editor.*
††Jefferson Thomas, *Asst. Editor.*

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Engineering (Agr.):
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Entomology:
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‡A. P. Spencer, M. S., *Vice Dir. and County Agt. Leader.*
‡Mary E. Keown, M. S., *State Home Dem. Agt. (P. O., Tallahassee).*
‡R. W. Blacklock, A. B., *State Club Leader.*
‡H. G. Clayton, M. S., *Dist. Agt.*
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Extension (Admin.)—Continued.
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*P. W. Frazer, B. S., M. F., *Asst. Prof. For.*
*J. W. Miller, Jr., B. S., *Asst. Prof. For.*
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Home Economics:
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‡Virginia P. Moore, *Home Improvement Specialist (P. O., Tallahassee).*
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‡Anna M. Sikes, B. S., *Ext. Nutr. (P. O., Tallahassee).*
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†J. C. Cain, B. S., *Asst. Hort.*
†R. D. Dickey, B. S., *Asst. Hort.*
†F. S. Jamison, Ph. D., *Truck Hort.*
†V. F. Nettles, M. S., *Asst. H rt.*
†A. L. Stahl, Ph. D., *Assoc. Hort.*
*J. V. Watkins, M. S., *Asst. Hort.*
†R. J. Wilmot, M. S., *Fumigation Research Specialist.*

Meteorology (Frost Forecasting Service):
†E. S. Ellison, *Met. in charge (Coop. U. S. D. A.: P. O., Lakeland).*
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Plant Pathology:
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

Miscellaneous—Continued.
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†Henry Zeigler, *Farm Foreman.*

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B. R. Fudge, Ph. D., *Assoc. Chem.*
J. H. Jefferies, *Supt.*
W. F. Lawless, B. S., *Asst. Hort.*
M. H. Peech, Ph. D., *Soil Chem.*
W. L. Thompson, B. S., *Assoc. Ent.*
Everglades Expt. Sta., *P. O., Belle Glade*—
J. R. Neller, Ph. D., *Biochem. in charge.*
J. R. Beckenbach, Ph. D., *Assoc. Truck Hort.*
F. T. Boyd, Ph. D., *Asst. Agron.*
Thomas Bregger, Ph. D., *Sugarcane Physiol.*
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Branch Stations—Continued
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Jesse Reeves, *Farm Supt.*
J. D. Warner, M. S., *Agron.*
Subtropical Expt. Sta., *P. O., Homestead*—
W. M. Fifield, M. S., *Asst. Hort. and Actg. in charge.*
S. J. Lynch, B. S., *Asst. Hort.*
G. D. Ruehle, Ph. D., *Assoc. Plant Path.*
West Central Florida Expt. Sta., *P. O., Brooksville*—
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‡J. W. Fanning, M. S., *Ext. Econ.-Farm Mgt.*
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Entomology—See **Zoology.**

Extension (Admin.): [1]
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‡Murl McDonald, B. S., *Asst. Dir.* (*County Agt. Leader*).
‡P. C. Taff. B. S., *Asst. Dir.* (*State Club Leader*).
‡Mrs. Sarah P. Ellis, B. S., *State Home Dem. Leader.*
‡Mrs. Edith P. Barker, *in charge Girls' Club Work.*
‡Florence Forbes, B. S., *Agt. in Club Work.*
‡W. L. Harper, *Secy.*
‡Mrs. Lucile Cochran, *Asst. State Home Dem. Leader.*
‡Mrs. N. May Larson, B. S., *Asst. State Home Dem. Leader.*
‡Lillian Lewis, B. S., *Asst. State Home Dem. Leader.*
‡Ella G. Loughran, B. S., *Agt. in Club Work.*
‡J. S. Quist, B. S., *Asst. State Club Leader.*
‡F. P. Reed, LL. B., *Asst. State Club Leader.*
‡F. F. Clark, B. S., *Dist. Ext. Agt.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal and dairy husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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†M. E. Bemben, *Lab. Asst. in Veg. Gard. (P. O., Waltham).*
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Extension (Admin.):[1]

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‡A. G. Kettunen, B. S., *State Club Leader.*
‡C. V. Ballard, B. S., *County Agt Leader.*
‡M. H. Avery, B. S., *Asst. State Club Leader.*
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‡Nevels Pearson, B. S., *Asst. State Club Leader.*
‡C. A. Rood, B. S., *Asst. State Club Leader (P. O., Marquette).*
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†H. L. Kohls, M. S., *Asst. in Farm Crops.*
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Substations:
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Graham Hort. Expt. Sta., *R. F. D. 5, Grand Rapids—*
Walter Toenjes, M. S., *Supt.*
Lake City Potato Expt. Sta., *P. O., Lake City—*
A. M. Berridge, B. S., *Supt.*

Substations—Continued.
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Stanley Johnston. M. S., *Supt.*
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†Paul Merritt, B. S., *Asst. Agr. Biochem.*
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[1] For subject-matter workers see the respective division; i. e., agronomy and plant genetics, animal and poultry husbandry, etc.

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[1] For subject-matter workers see the respective division: i. e., animal husbandry, botany, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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[1] For subject-matter workers see the respective division; i. e., agriculture, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Dickinson—Continued.
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- ‡Mrs. Mary E. Gerlaugh, M. A., *Child Development Specialist.*
- *Alma C. Heiner, M. A., *Asst. Prof. Home Econ.*

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- *F. K. Beyer, M. S., *Asst. Prof. For.*
- ‡J. H. Boyd, B. S., *Veg. Gard. Specialist.*
- *H. D. Brown, Ph. D., *Prof. Veg. Gard.*[1]
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[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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Agronomy—Continued.

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[1] See also experiment station staff.

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†Harold Bush, B. S., *Soil Surveyor.*
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[1] For subject-matter workers see the respective division: i. e., animal industries, etc.
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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†Emilio del Toro, Jr., M. S., *Asst. Econ.*

Engineering (Agr.):
†M. L. Vicente, C. E., M. E., *Engin.*

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†Enrique Molinary Salés, B. S., *Agron.-Hort.*
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†Pedro Richardson Kuntz, B. S., *Agron.*

Soils:
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F. J. Juliá, B. S., *Asst. Agron.*
Arturo Riollano, B. S., *Asst. Agron.*
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*W. E. Johnson, B. S., *Asst. Prof. Agr. Ed. (P. O., Seneca).*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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*†D. H. Jacobsen, Ph. D., *Asst. Prof. and Asst. Dairy Husb.*
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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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†H. E. Rea, B. S., *Agron.* (*Cotton Root Rot Invest.*).
†D. A. Reid, M. S., *Agron.* (*Wheat Invest.*: *P. O., Amarillo*).
†T. R. Richmond, M. S., *Asst. Agron.* (*Coop. U. S. D. A.*).
†J. E. Roberts, B. S., *Supt. Main Sta. Agron. Farm.*
*L. M. Thompson, B. S., *Instr. Agron.*
*D. W. Thorne, Ph. D., *Assoc. Prof. Agron.*

Animal Industry:
†J. M. Jones, A. M., *Chief Div. of Range An. Husb.* (*Sheep and Goat Invest.*).
*D. W. Williams, M. S., *Head Prof. An. Husb.*
*D. H. Reid, M. S., *Head Prof. Poultry Husb.*
*C. N. Shepardson, M. S., *Head Prof. Dairy Husb.*
†Fred Hale, M. S., *Chief Div. of Swine Husb.*
†R. M. Sherwood, M. S., *Chief Div. of Poultry Husb.*
‡G. W. Barnes, B. S., *Ext. An. Husb.*
†O. C. Copeland, M. S., *Dairy Husb.*
†J. R. Couch, M. S., *Poultry Husb.*
*F. I. Dahlberg, M. S., *Asst. Prof. An. Husb.*
*A. L. Darnell, M. A., *Prof. Dairy Husb.*
†S. P. Davis, *Wool and Mohair Invest.*
‡E. R. Eudaly, B. S., *Ext. Dairyman.*
*T. R. Freeman, Ph. D., *Instr. Dairy Husb.*
‡G. G. Gibson, M. S., *Ext. Asst. Dairyman.*
†F. E. Hanson, M. S., *Assoc. in Dairy Mfg.*
†L. E. James, B. S., *Asst. Poultry Husb.*
†J. H. Jones, B. S., *An. Husb.*
*A. K. Mackey, M. S., *Prof. An. Husb.*
‡W. V. Maddox, M. S., *Specialist in Dairy Mfg.*
‡G. P. McCarthy, B. S., *Ext. Poultry Husb.*
†C. W. McMath, Ph. D., *Nutr.*
*Y. H. Melass, *Ph. D., Instr. An. Husb.*
*L. A. Miller, M. S., *Instr. An. Husb.*

Animal Industry—Continued.
*A. V. Moore, M. S., *Assoc. Prof. Dairy Husb*
*C. E. Murphey, M. A., *Asst. Prof. An. Husb*
‡W. R. Nisbet, B. S., *Ext. An. Husb.*
*E. D. Parnell, M. S., *Actg. Prof. Poultry Husb.*
*P. B. Pearson, Ph. D., *Prof. An. Husb. in charge An. Nutr.*
‡E. M. Regenbrecht, M. S., *Ext. Swine Husb.*
*N. G. Schuessler, B. S., *Assoc. Prof. An. Husb.*
*R. J von Roeder, Jr., B. S., *Instr. An. Husb.*
†B. L. Warwick, Ph. D., *An. Husb.* (*Bdg. Invest.*).

Biology:
*C. C. Doak, Ph. D., *Head Prof. Biol.*
*O. M. Ball, Ph. D., *Curator of Museum.*
*T. W. Bretz, Ph. D., *Instr. Biol.*
*Weldon Brewster, Ph. D., *Actg. Instr. Biol.*
*S. O. Brown, Ph. D., *Instr. Biol.*
*E. H. Gibbons, S. M., *Asst. Prof. Biol.*
*S. H. Hopkins, Ph. D., *Asst. Prof. Biol.*
*Charles LaMotte, Ph. D., *Assoc. Prof. Biol.*
*O. A. Leonard, Ph. D., *Instr. Biol.*
*R. G. Reeves, Ph. D., *Prof. Biol.*
*A. L. Schipper, Ph. D., *Instr. Biol.*
*P. J. Talley, Ph. D., *Asst. Prof. Biol.*

Chemistry:
†G. S. Fraps, Ph. D., *Chief of Div.* (*State Chem.*).
*C. C. Hedges, Ph. D., *Head Prof. Chem. and Chem. Engin.*
†S. E. Asbury, M. S., *Asst. State Chem.*
*F. F. Bishop, M. S., *Assoc. Prof. Indus. Chem.*
*H. R. Brayton, M. S., *Prof. Inorg. Chem.*
*R. W. Bremner, Ph. D., *Instr. Chem.*
†E. C. Carlyle, M. S., *Assoc. Chem.*
*R. A. Eads, M. S., *Instr. Chem.*
†J. F. Fudge, Ph. D., *Chem.*
†Mrs. Velma Graham, *Analyst.*
†S. M. Greenberg, B. S., *Asst. Chem.*
*M. T. Harrington, M. S., *Asst. Prof. Chem.*
*F. W. Jensen, Ph. D., *Prof. Chem.*
*B. C. Jones, M. S., *Asst. Prof. Chem.*
†J. L. Kelch, B. S., *Asst. Chem.*
†A. R. Kemmerer, Ph. D., *Chem.*
*L. A. Koening, B. A., *Asst. Prof. Chem.*
†P. F. Macy, Ph. D., *Assoc. Chem.* (*Cotton Root Rot Invest.*).
†W. W. Meinke, B. S., *Asst. Chem.*
*E. B. Middleton, Ph. D., *Assoc. Prof. Chem.*
†T. L. Ogier, B. S., *Assoc. State Chem.*
†F. C. Pack, B. S., *Asst. Chem.*
*W. M. Potts, Ph. D., *Prof. Biochem.*
†Joseph Semb, Ph. D., *Assoc. Chem.* (*Loco Weed Research*).
*F. M. Smith, Ph. D., *Instr. Chem.*
†G. L. Smith, B. S., *Asst. Chem.*
*R. E. Snuggs, M. S., *Instr. Chem.*
†A. J. Sterges, M. S., *Asst. Chem.*
‡M. K. Thornton, Jr., A. M., *Ext. Agr. Chem.*
†Ray Treichler, M. S., *Asst. Chem.*
†W. H. Walker, *Analyst.*

Economics (Agr.):
†L. P. Gabbard, M. S., *Chief Div. Farm and Ranch Econ.*
*J. W. Barger, M. S., C. L. U., *Head Prof. Agr. Econ.*
*T. W. Leland, M. A., C. P. A., *Head Prof. Accounting and Statistics.*
*F. H. Arnold, Ph. D., *Assoc. Prof. Agr. Econ.*

Economics (Agr.)—Continued.
†C. A. Bonnen, M. S., *Farm Mgt. Specialist.*
‡C. E. Bowles, B. S., *Coop. Mktg. Specialist.*
†H. C. Bradshaw, M. A., *Econ. in Farm Taxation.*
*T. D. Cherry, B. S., *Instr. Agr. Econ.*
†P. H. Czarowitz, A. B., *Asst. in Farm and Ranch Records.*
*R. M. Denhardt, M. A., *Instr. Agr. Econ.*
*H. A. Dulan, M. B. A., *Instr. Accounting and Statistics.*
‡P. G. Haines, B. S., *Ext. Agr. Econ. in Organ.*
†C. H. Hamilton, Ph. D., *Econ.* (*Rural Life*).
*T. R. Hamilton, Ph. D., *Prof. Accounting and Statistics.*
*Lester Hanks, B. S., M. B. A., *Asst. Prof. Agr. Econ.*
*R. L. Hunt, Ph. D., *Prof. Agr. Econ.*
*P. W. Kimball, M. S., *Instr. Agr. Econ.*
*A. S. T. Lund, Ph. D., *Instr. Agr. Econ.*
†A. C. Magee, M. S., *Econ. in Farm Mgt.*
‡W. E. Morgan, M. S., *Ext. Econ. in Agr. Planning.*
*L. S. Paine, M. A., *Assoc. Prof. Agr. Econ.*
†W. E. Paulson, Ph. D., *Mktg. Specialist.*
‡C. B. Ray, M. S., *Asst. in Program Planning.*
*G. W. Schlesselman, Ph. D., *Prof. Agr. Econ.*
*W. M. Simpson, B. S., *Asst. Prof. Accounting and Statistics.*
*S. M. Stubbs, B. S., *Instr. Accounting and Statistics.*
‡T. R. Timm, M. S., *Ext. Econ. in Farm Mgt.*
*O. A. Weinke, M. S., *Assoc. Prof. Accounting and Statistics.*
‡J. R. Wenmohs, B. S., *Asst. in Program Planning.*

Editorial—See **Publications.**

Education (Agr.):
*E. R. Alexander,[1] M. S., *Head Prof. Agr. Ed.*
*L. H. Henderson, B. S., *Assoc. Prof. Agr. Ed.*
*J. M. Orchard, M. S., *Asst. Prof. Agr. Ed.*
*Henry Ross, M. S., *Prof. Agr. Ed. and Actg. Head of Dept.*
*W. R. Sherrill, B. S., *Asst. Prof. Agr. Ed.*

Engineering (Agr.):
†H. P. Smith, M. S., *Chief of Div.*
*Daniels Scoates, B. S., A. E., *Head Prof. Agr. Engin.*
‡M. R. Bentley, B. S., *Ext. Agr. Engin.*
*Donald Christy, M. S., *Asst. Prof. Agr. Engin.*
‡Cesar Hohn, M. S., *Specialist in Soil and Water Conserv.*
*F. R. Jones, M. S., *Prof. Agr. Engin.*
‡F. E. Lichte, M. S., *Cotton Gin Specialist.*
*C. E. Peach, M. S., *Instr. Agr. Engin.*
*M. F. Thurmond, M. S., *Assoc. Prof. Agr. Engin.*

Entomology:
†F. L. Thomas, Ph. D., *Chief of Div.* (*State Ent.*).
*S. W. Bilsing, Ph. D., *Head Prof. Ent.*
†H. B. Parks, B. S., *Chief Div. of Apiculture* (*P. O., San Antonio*).
†A. H. Alex, B. S., *Queen Breeder* (*P. O., San Antonio*).

[1] On leave.

Entomology—Continued.

†C. J. Burgin, B. S., *Foulbrood Insp.*
†A. J. Chapman, B. S., *Assoc. Ent. (Coop. U. S. D. A.: P. O., Presidio).*
†R. K. Fletcher, Ph. D., *Ent.*
†J. C. Gaines, Jr., Ph. D., *Ent.*
†C. E. Heard, B. S., *Chief Foulbrood Insp.*
‡R. B. Hickerson, *Dist. Field Asst. in Rodent Control.*
†M. J. Janes, Ph. D., *Ent. (P. O., Alta Loma).*
*H. G. Johnston, Ph. D., *Assoc. Prof. Ent.*
†S. E. Jones, M. S., *Ent. (P. O., Winter Haven).*
*V. A. Little, M. S., *Prof. Ent.*
†Henry Menusan, Jr., Ph. D., *Ent.*
†R. W. Moreland, B. S., *Asst. Ent. (Coop. U. S. D. A.).*
†W. L. Owen, Jr., M. S., *Ent. (P. O., Terrell).*
†H. J. Reinhard, B. S., *Ent.*
‡R. R. Reppert, B. S., *Ext. Ent.*
†J. N. Roney,[1] M. S., *Ent. (P. O., Dickinson).*
†G. A. Russell, Pharm. G., B. S., *Agt. (Coop. U. S. D. A.).*
*J. H. Sikes, M. S., *Instr. Ent.*

Extension (Admin.):[2]

‡H. H. Williamson, B. S., *in charge.*
‡Jack Shelton, B. S., *Vice Dir. and State Agt.*
‡Mildred F. Horton, *Vice Dir. and State Home Dem. Agt.*
‡G. E. Adams, *Asst. State Agt.*
‡Bess Edwards, B. S., *Asst. State Home Dem. Agt.*
‡Onah Jacks, B. S., *State Girls' Club Agt.*
‡L. L. Johnson, *State Boys' Club Agt.*
‡J. W. Potts, B. S., *Asst. State Boys' Club Agt.*
‡R. W. Snyder, M. S., *Supvr. Specialists' Work.*
‡D. L. Weddington, *Executive Asst.*
‡E. N. Holmgreen, B. S., *Admin. Officer, Agr. Conserv. Program.*
‡B. F. Vance, B. S., *Asst. Admin. Officer, Agr. Conserv. Program.*
‡Beulah Blackwell, B. S., *Dist. Agt.*
‡Bennie Campbell, *Dist. Agt.*
‡Lida Cooper, *Dist. Agt.*
‡K. J. Edwards, B. S., *Dist. Agt.*
‡W. I. Glass, *Dist. Agt.*
‡Minnie M. Grubbs, *Dist. Agt.*
‡P. D. Hanna, B. S., *Dist. Agt.*
‡Maurine Hearn, B. S., *Dist. Agt.*
‡Kate A. Hill, B. S., *Dist. Agt.*
‡G. W. Johnson, *Dist. Agt.*
‡E. C. Martin, B. S., *Dist. Agt.*
‡Ruby Mashburn, B. S., *Dist. Agt.*
‡Zetha McInnis, B. S., *Dist. Agt.*
‡R. S. Miller, B. S., *Dist. Agt.*
‡Vida Moore, B. S., *Dist. Agt.*
‡Myrtle Murray, *Dist. Agt.*
‡G. W. Orms, *Dist. Agt.*
‡M. T. Payne, *Dist. Agt.*
‡J. D. Prewit, B. S., *Dist. Agt.*
‡J. A. Scofield, B. S., *Dist. Agt.*
‡Mae B. Smith, *Dist. Agt.*
‡Ruth Thompson, B. S., *Dist. Agt.*
‡O. G. Tumlinson, B. S., *Dist. Agt.*
‡T. B. Wood, *Dist. Agt.*

Feed Control Service:

†F. D. Fuller, M. S., *Chief.*
†James Sullivan, *Asst. Chief.*
†J. K. Francklow, *Insp.*
†K. L. Kirkland, B. S., *Insp.*

Feed Control Service—Continued.

†P. A. Moore, *Insp.*
†S. D. Pearce, *Secy.*
†S. D. Reynolds, Jr., *Insp.*
†J. H. Rogers, *Insp.*
†R. A. Turck, *Insp.*
†H. G. Wickes, B. S., D. V. M., *Insp.*
†E. J. Wilson, B. S., *Insp.*

Forestry:[3]

*E. O. Siecke, B. A., B. S. F., *Dir. and State For.*
*D. A. Anderson, B. S. F., *Asst. For. (P. O., Lufkin).*
*R. F. Balthis, B. S. F., M. S., *Regional For. (P. O., Kirbyville).*
*M. E. Brashears, B. S. F., *Dist. For. (P. O., Rusk).*
*J. O. Burnside, B. S. F., *Asst. For. (P. O., Lufkin).*
*S. L. Frost, B. S. F., M. A., *Asst. For.*
*C. H. Hebert, B. S. F., *Dist. For. (P. O., Marshall).*
*I. H. Jones, B. S. F., *Chief Div. of For. Mgt.*
*B. Koontz, B. S. F., *Asst. For.*
*Chris Nelson, Jr., B. S. F., *Asst. in For. Research.*
*P. W. Schoen, B. S. F., *Chief Div. of For. Research.*
‡C. W. Simmons, M. F., *Ext. Farm For. (Coop. State For.).*
*W. E. White, B. S., *Chief Div. For. Protection (P. O., Lufkin).*
*Don Young, M. F., *Asst. For. (P. O., Lufkin).*

Genetics:

*E. P. Humbert, Ph. D., *Head Prof. Genetics.*
*C. B. Godbey, M. S., *Prof. Genetics.*
*L. N. Hazel, M. S., *Genetics.*
*J. H. Quisenberry, Ph. D., *Assoc. Prof. Genetics.*

Geology:

*C. L. Baker, M. A., *Head Prof. Geol.*
*C. S. Bacon, Jr., Ph. D., *Asst. Prof. Geol.*
*F. A. Burt, M. S., *Prof. Geol.*
*S. S. Goldich, Ph. D., *Asst. Prof. Geol.*
*J. F. Smith, Jr., M. A., *Actg. Instr. Geol.*
*L. D. Toulmin, Jr., M. A., *Instr. Geol.*
*F. E. Turner, Ph. D., *Assoc. Prof. Geol.*

Home Economics:

†Jessie Whitacre, Ph. D., *Chief Div. of Rural Home Research.*
‡Mrs. Dora R. Barnes, M. S., *Clothing Specialist.*
‡Mrs. Maggie W. Barry, M. A., *Ext. Adviser, Rural Organ. Work.*
‡Louise Bryant, B. S., *Home Mgt. Specialist.*
‡Jennie Camp, B. A., *Home Prod. Planning Specialist.*
‡Mrs. Isla M. Chapman, B. S., *Home Indus. Specialist.*
‡Mrs. Bernice Claytor, B. S., *Home Improvement Specialist.*
†Sylvia Cover, Ph. D., *Food Specialist.*
‡Nora E. Elliott, B. S., *Food Preparation Specialist.*
†Mary A. Grimes, M. S., *Textiles and Clothing Specialist.*
‡Dosca Hale, M. S., *Parent Ed. and Child Development Specialist.*
‡Grace I. Neely, M. A., *Food Preservation Specialist.*
‡Helen H. Swift, B. S., *Ext. Sociol. (Rural Women's Organ.).*

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[1] On leave.
[2] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
[3] Texas Forest Service.

Horticulture:

†S. H. Yarnell, Sc. D., *Chief of Div.*
*G. W. Adriance, Ph. D., *Head Prof. Hort.*
*F. W. Hensel, Jr., M. S., *Head Prof. Landsc. Art.*
*S. B. Apple, Jr., M. S., *Instr. Hort.*
*F. R. Brison, M. S., *Prof. Hort.*
†W. S. Flory, Jr., Ph. D., *Hort.*
‡Sadie Hatfield, M. A., *Ext. Landsc. Gard.*
*W. R. Horsley, B. S. F., *Asst. Prof. Landsc. Art.*
*N. M. McGinnis, B. S., *Prof. Landsc. Art.*
†U. A. Randolph, B. S., *Hort.* (*Grape Invest.: P. O., Montague*).
‡J. F. Rosborough, B. S., *Ext. Hort.*
†R. E. Wright, M. S., *Hort.* (*Sweet Potato Invest.: P. O., Gilmer*).

Plant Pathology and Physiology:

†A. A. Dunlap, Ph. D., *Chief of Div.*
†G. E. Altstatt, M. S., *Plant Path.*
†L. M. Blank, Ph. D., *Assoc. Plant Path.* (*Coop. U. S. D. A.*).
†W. N. Ezekiel, Ph. D., *Plant Path.*
†G. A. Greathouse, Ph. D., *Assoc. Plant Physiol.* (*Coop. U. S. D. A.*).
†A. L. Harrison, Ph. D., *Plant Path.* (*Tomato Disease Invest.: P. O., Yoakum*).
†N. E. Rigler, Ph. D., *Plant Physiol.*
†G. M. Watkins,[1] Ph. D., *Plant Path.*
†P. A. Young, Ph. D., *Plant Path., Tomato Disease Lab.* (*P. O., Jacksonville*).

Publications:

†A. D. Jackson, *Chief of Div.*
‡Mrs. Minnie F. Cunningham, Ph., G., *Ext. Editor.*
‡L. J. Franke, B. S., *Ext. Asst. Editor.*

Sociology (Rural):

*Daniel Russell, M. A., *Head Prof. Rural Sociol.*
*John Ashton, Ph. D., *Assoc. Prof. Rural Sociol.*
*D. R. Davis, M. S., *Instr. Rural Sociol.*

Soil Survey:

†W. T. Carter, B. S., *Chief of Div.* (*Coop. U. S. D. A.*).
†J. W. Huckabee, Jr., B. S., *Soil Surveyor* (*P. O., Carrizo Springs*).
†I. C. Mowery, B. S., *Soil Surveyor* (*P. O., Brownwood*).
†H. M. Smith, B. S., *Soil Surveyor* (*Coop. U. S. D. A.: P. O., Carrizo Springs*).
†E. H. Templin, B. S., *Soil Surveyor* (*Coop. U. S. D. A.: P. O. Brownwood*).

Veterinary Science:

†H. Schmidt, D. V. M., *Chief of Div.*
*R. P. Marsteller, D. V. M., *Prof. Vet. Med. and Surg., Dean School of Vet. Med.*
*P. W. Burns, B. S., D. V. M., *Head Prof. Vet. Physiol. and Pharmacol.*
*R. C. Dunn, D. V. M., *Head Prof. Vet. Path.*
*F. P. Jaggi, Jr., B. S., D. V. M., *Head Prof. Vet. Hyg.*
*T. S. Leith, D. V. M., *Head Prof. Vet. Anat.*
*A. A. Lenert, B. S., D. V. M., *Head Prof. Vet. Med. and Surg.*
*H. L. Van Volkenberg, D. V. M., M. S., *Head Prof. Vet. Parasit.*
*G. T. Edds, D. V. M., M. S., *Instr. Vet. Physiol. and Pharmacol.*
*J. R. Ketchersid, B. S., D. V. M., *Instr. Vet. Med. and Surg.*

Veterinary Science—Continued.

*S. W. Lange, D. V. M., *Asst. Prof. Vet. Anat.*
†F. P. Mathews, D. V. M., Ph. D., *Vet. in charge Loco Invest. Lab.* (*Coop. U. S. D. A.: P. O., Alpine*).
*J. A. McCurdy, B. S., D. V. M., *Instr. Vet. Anat.*
*J. H. Milliff, M. S., D. V. M., *Asst. Prof. Vet. Path.*
*H. I. Ott, B. S., D. V. M., *Instr. Vet. Physiol. and Pharmacol.*
†P. L. Piercy, D. V. M., *Vet.*
*H. M. Spangler, D. V. M., *Instr. Vet. Med. and Surg.*
†R. D. Turk, D. V. M., *Vet.*

Wild Game:

*†W. P. Taylor, Ph. D., *Head Prof. and Chief of Div.* (*Coop. U. S. D. A.*).
‡R. E. Callender, *Game Mgt. Specialist.*
*W. B. Davis, Ph. D., *Prof. Wild Game.*
†Valgene Lehmann, B. S., *Field Biol.* (*Coop. U. S. D. A.*).

Miscellaneous:

†Howard Berry, B. S., *Tech. Asst.*
‡Mrs. Lilla G. Bryan, *Ext. Libr.*
†Chester Higgs, *Executive Asst.*
†M. P. Holleman, *Chief Clerk.*
*T. F. Mayo, Ph. D., *Libr.*
†Mrs. Clarice M. Turner, B. A., *Secy.*

Substations:

Angleton (No. 3)—
R. H. Stansel, M. S., *Supt.*
H. M. Reed, B. S., *Hort.*
Balmorhea (No. 9)—
J. J. Bayles, B. S., *Supt.*
Beaumont (No. 4)—
R. H. Wyche, B. S., *Supt.*
H. M. Beachell, M. S., *Asst. Agron.* (*Rice Prod. and Brdg.: Coop. U. S. D. A.*).
A. L. Martin, Ph. D., *Plant Physiol.* (*Rice Invest.*).
Beeville (No. 1)—
R. A. Hall, B. S., *Supt.*
E. M. Neal, B. S., *An. Husb.*
Chillicothe (No. 12)—
J. R. Quinby, M. S., *Supt.* (*Coop. U. S. D. A.*).
J. C. Stephens, M. A., *Assoc. Agron.* (*Coop. U. S. D. A.*).
College Station (No. 10)—
R. M. Sherwood, M. S., *An. Husb. in charge.*
L. J. McCall, *Farm Supt.*
Denton (No. 6)—
P. B. Dunkle, M. S., *Supt.*
I. M. Atkins, B. S., *Asst. Agron.* (*Wheat and Oat Prod. and Brdg.: Coop. U. S. D. A.*).
Iowa Park (No. 16)—
L. E. Brooks, B. S., *Supt.*
B. S. Pickett, M. S., *Hort.*
Lubbock (No. 8)—
D. L. Jones, *Supt.*
Frank Gaines, *Irrig. and For. Nurseryman.*
Nacogdoches (No. 11)—
H. F. Morris, M. S., *Supt.*
Sonora (No. 14)—
W. H. Dameron, B. S., *Supt.*
O. G. Babcock, B. S., *Asst. Ent.* (*Coop. U. S. D. A.*).
I. B. Boughton, D. V. M., *Vet.* (*Sheep and Goat Disease Invest.*).
O. L. Carpenter, *Shepherd.*
V. L. Cory, M. S., *Range Bot.*
W. T. Hardy, D. V. M., *Vet.*
Spur (No. 7)—
R. E. Dickson, B. S., *Supt.* (*Coop. U. S. D. A.*).
C. E. Fisher, M. S., *Asst. Soil Conserv.* (*Coop. U. S. D. A.*).

[1] On leave.

Substations—Continued.

Spur (No. 7)—Continued.
B. C. Langley, M. S., *Agron.* (*Coop. U. S. D. A.*).
Temple (No. 5)—
C. H. McDowell, M. S., *Supt.* (*Coop. U. S. D. A.*).
H. O. Hill, B. S., C. E., *Soil Conserv.* (*Coop. U. S. D. A.*).
C. H. Rogers, Ph. D., *Plant Path.* (*Root Rot Invest.*).
Tyler (No. 2)—
P. R. Johnson, M. S., *Supt.*
J. C. Archer, *Agt.*
E. W. Lyle, Ph. D., *Plant Path.* (*Rose Disease Invest.*).
J. B. Pope, M. S., *Soil Conserv. Research* (*Coop. U. S. D. A.*).
J. C. Ratsek, Ph. D., *Hort.* (*Rose Disease Invest.*).

Substations—Continued.

Tyler (No. 2)—Continued.
O. C. Word, B. S., *Assoc. Agr. Engin.* (*Coop. U. S. D. A.*).
Weslaco (No. 15)—
W. H. Friend, B. S., *Supt.*
G. H. Godfrey, Ph. D., *Plant Path.*
J. L. Heid, B. S., *Chem.* (*Citrus Products Lab.: Coop. U. S. D. A.*).
T. B. Randolph, B. S., *Ent.*
J. F. Wood, B. S., *Hort.*
Winter Haven (No. 19)—
E. Mortensen, B. S., *Supt.*
L. R. Hawthorn, M. S., *Hort.* (*Coop. U. S. D. A.*).
S. S. Ivanoff, Ph. D., *Plant Path.*
Lufkin Pasture Investigation Laboratory, *P. O., Lufkin*—
E. K. Crouch, B. S., *Agron. in charge.*

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*C. H. Banks, B. S., *Itinerant Teacher Trainer.*
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*J. M. Coruthers, Ph. D., *Prof. Agron.*
‡H. S. Estelle, B. S., *Asst. State Leader in Ext. Work.*
*E. B. Evans, D. V. M., *Assoc. Prof. Vet. Med. and Asst. Dir. of Agr.*
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*W. R. Harrison, M. S., *Asst. Prof. Rural Econ.*
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†D. L. Sargent, M. S., *Asst. Agron.*[1]
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†G. Q. Bateman, B. S., *Asst. Dairy Husb. and Supt. Dairy Expt. Farm (Coop. U. S. D. A.).*
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‡L. H. Rich, M. S., *Ext. Dairyman.*

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*William Peterson, B. S., *Prof. Geol.*
*W. A. Rice, B. A., *Instr. Geol.*

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---

[1] On leave.
[2] In cooperation with Branch Agricultural College, Cedar City.
[3] For subject-matter workers see the respective division; i. e., agronomy and soils, animal husbandry, etc.

Physics—Continued.
*Don Kirkham, Ph. D., *Instr. Phys.*
*L. H. Linford, Ph. D., *Asst. Prof. Phys.*

Poultry Husbandry:
*†‡Byron Alder, B. S., *Prof. Poultry Husb.; Poultryman.*
‡C. G. Davis, *Asst. Ext. Poultryman.*
*‡Carl Frischknecht, M. S., *Asst. Prof. and Asst. Ext. Poultryman.*

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*H. J. Frederick, D. V. M., *Prof. Vet. Sci.*
†W. H. Krull, Ph. D., *Parasit.* (*Coop. U. S. D. A.*).

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*†W. W. Henderson, Ph. D., *Prof. Zool. and Ent.; Ent.*

Zoology and Entomology—Continued.
†H. E. Dorst, M. A., *Asst. Ent.* (*Coop. U. S. D. A.*).
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†C. J. Sorenson, M. S., *Assoc. Ent.*
*J. S. Stanford, Ph. D., *Asst. Prof. Zool. and Ent.*

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*L. H. Kirkpatrick, M. A., *in charge Libr.*
‡N. P. Olsen, B. S., *Ext. Secy.*

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Davis County Substa., *P. O., Farmington* ——— ——— *Supt.*
Nephi Dry land Substa., *P. O., Nephi*—A. F. Bracken, M. S., *Supt.*

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*†‡D. E. Dunklee, M. S., *Instr. and Asst. Agron.*
*‡P. R. Miller, M. S., *Prof. and Ext. Agron.*

Animal Industry:
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†O. M. Camburn, M. S., *Assoc. An. and Dairy Husb.*
*†M. H. Campbell, Ph. D., *Prof. Dairy Prod.; Assoc. An. and Dairy Husb.*
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‡D. C. Henderson, M. S., *Ext. Poultryman.*
*†E. O. Herreid, Ph. D., *Assoc. Prof. and Asst. in Dairy Mfg.*
†E. A. Keyes, M. S., *Asst. An. and Dairy Husb.*
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Botany and Plant Pathology:
*†G. P. Burns, Ph. D., *Prof. Bot.; Bot.*
*†B. F. Lutman, Ph. D., *Prof. Plant Path.; Plant Path.*
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*E. J. Dole, Ph. D., *Assoc. Prof. Bot.*
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†E. F. Boyce, B. S., *Asst. Chem.* (*Regulatory*).
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†T. M. Adams, M. S., *Asst. Agr. Econ.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.

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*Alida B. Fairbanks, A. M., *Asst. Prof. Home Econ.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal industry, etc.
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†Wilma Brewer, B. S., *Research Asst. in Nutr.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.
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‡Gertrude Humphreys, A. B., *State Home Dem. Agt.*
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‡Anna M. Boggs, A. B., *Dist. Home Dem. Agt.*
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[1] For subject-matter workers see the respective division; i. e., agronomy and genetics, animal husbandry, etc.
[2] On leave.

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[1] This institution gives the academic title to all staff members.

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†Fred Feutz, B. S., *Instr. Dairy Indus. (Coop. U. S. D. A.: P. O., Monroe).*
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†Scott Keyes, M. A., *Asst. in Agr. Econ.*
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*††W. P. Mortenson, Ph. D., *Assoc. Prof. Agr. Econ.*
*†K. H. Parsons, B. A., *Asst. Prof. Agr. Econ.*
*M. C. Riley, LL. B., *Lect. in Agr. Econ.*
‡W. A. Rowlands, B. S., *Ext. Assoc. Prof. Agr. Econ.*
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*V. E. Kivlin, M. S., *Prof. Agr. Ed.*
*H. J. Morrissey, B. S., *Instr. Agr. Ed.*

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*†H. D. Bruhn, M. S., *Instr. Agr. Engin.*
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‡F. B. Trenk, M. S., *Ext. Assoc. Prof. Agr. Engin. (For.).*
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†C. W. Schaefer, Ph. D., *Instr. Econ. Ent.*
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[1] For subject-matter workers see the respective division; i. e., agronomy, animal husbandry, etc.

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†‡O. B. Combs, M. S., *Asst. in Hort.*
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Poultry Husbandry—Continued.
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[1] On leave.
[2] Courses given in Division of Letters and Science.
[3] For subject-matter workers see the respective division; i. e., agronomy and economics (agr.), animal production, etc.

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Jones, M. L., 50a.
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VanLandingham, A. H., 110b.
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Van Meter, R. A., 47a.
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Vaux, C. H., 41a.
Vawter, L. R., 64b.
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Volz, E. C., 32b.
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Voorhies, E. C., 7b.
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Wadleigh, C. B., 65a.
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Walker, Mrs. D. D., 94b.
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